

[illegible]

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FIGURE 2

</usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA34392

<subunit 1 of 1, 379 aa, 1 stop

<MW: 43302, pI: 7.30, NX(S/T): 1

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TSLYGLILNNNKLTKIHPKAFLTTHKKLRRLYL SHNQLSEIPLNLPKSLAELRIHENKVKKIQ
KDTFKGMNALHVLEMSANPLDNNGIEPGAFEGVTVFHIRIAEAKLTSVPKGLPPTLLELHLD
YNKISTVELEDFKRYKELQRLGLGNNKITDIENGLANIPRVREIHLENNKLKKIPSGLP
PEL
KYLQIIFLHSNSIARVGVNDFCPTVPKMKKSLYSAISLFNNPVKYWEMQPATFRCVLSRMSV
QLGNFGM

Signal sequence.

amino acids 1-15

N-glycosylation site.

amino acids 281-285

N-myristoylation sites.

amino acids 129-135, 210-216, 214-220, 237-243, 270-276, 282-288

Leucine zipper pattern.

amino acids 154-176

1990-1991 (1990)		1991-1992 (1991)		1992-1993 (1992)		1993-1994 (1993)		1994-1995 (1994)		1995-1996 (1995)		1996-1997 (1996)		1997-1998 (1997)		1998-1999 (1998)		1999-2000 (1999)		2000-2001 (2000)		2001-2002 (2001)		2002-2003 (2002)		2003-2004 (2003)		2004-2005 (2004)		2005-2006 (2005)		2006-2007 (2006)		2007-2008 (2007)		2008-2009 (2008)		2009-2010 (2009)		2010-2011 (2010)		2011-2012 (2011)		2012-2013 (2012)		2013-2014 (2013)		2014-2015 (2014)		2015-2016 (2015)		2016-2017 (2016)		2017-2018 (2017)		2018-2019 (2018)		2019-2020 (2019)		2020-2021 (2020)		2021-2022 (2021)		2022-2023 (2022)		2023-2024 (2023)		2024-2025 (2024)		2025-2026 (2025)		2026-2027 (2026)		2027-2028 (2027)		2028-2029 (2028)		2029-2030 (2029)		2030-2031 (2030)		2031-2032 (2031)		2032-2033 (2032)		2033-2034 (2033)		2034-2035 (2034)		2035-2036 (2035)		2036-2037 (2036)		2037-2038 (2037)		2038-2039 (2038)		2039-2040 (2039)		2040-2041 (2040)		2041-2042 (2041)		2042-2043 (2042)		2043-2044 (2043)		2044-2045 (2044)		2045-2046 (2045)		2046-2047 (2046)		2047-2048 (2047)		2048-2049 (2048)		2049-2050 (2049)		2050-2051 (2050)		2051-2052 (2051)		2052-2053 (2052)		2053-2054 (2053)		2054-2055 (2054)		2055-2056 (2055)		2056-2057 (2056)		2057-2058 (2057)		2058-2059 (2058)		2059-2060 (2059)		2060-2061 (2060)		2061-2062 (2061)		2062-2063 (2062)		2063-2064 (2063)		2064-2065 (2064)		2065-2066 (2065)		2066-2067 (2066)		2067-2068 (2067)		2068-2069 (2068)		2069-2070 (2069)		2070-2071 (2070)		2071-2072 (2071)		2072-2073 (2072)		2073-2074 (2073)		2074-2075 (2074)		2075-2076 (2075)		2076-2077 (2076)		2077-2078 (2077)		2078-2079 (2078)		2079-2080 (2079)		2080-2081 (2080)		2081-2082 (2081)		2082-2083 (2082)		2083-2084 (2083)		2084-2085 (2084)		2085-2086 (2085)		2086-2087 (2086)		2087-2088 (2087)		2088-2089 (2088)		2089-2090 (2089)		2090-2091 (2090)		2091-2092 (2091)		2092-2093 (2092)		2093-2094 (2093)		2094-2095 (2094)		2095-2096 (2095)		2096-2097 (2096)		2097-2098 (2097)		2098-2099 (2098)		2099-2100 (2099)		2100-2101 (2100)		2101-2102 (2101)		2102-2103 (2102)		2103-2104 (2103)		2104-2105 (2104)		2105-2106 (2105)		2106-2107 (2106)		2107-2108 (2107)		2108-2109 (2108)		2109-2110 (2109)		2110-2111 (2110)		2111-2112 (2111)		2112-2113 (2112)		2113-2114 (2113)		2114-2115 (2114)		2115-2116 (2115)		2116-2117 (2116)		2117-2118 (2117)		2118-2119 (2118)		2119-2120 (2119)		2120-2121 (2120)		2121-2122 (2121)		2122-2123 (2122)		2123-2124 (2123)		2124-2125 (2124)		2125-2126 (2125)		2126-2127 (2126)		2127-2128 (2127)		2128-2129 (2128)		2129-2130 (2129)		2130-2131 (2130)		2131-2132 (2131)		2132-2133 (2132)		2133-2134 (2133)		2134-2135 (2134)		2135-2136 (2135)		2136-2137 (2136)		2137-2138 (2137)		2138-2139 (2138)		2139-2140 (2139)		2140-2141 (2140)		2141-2142 (2141)		2142-2143 (2142)		2143-2144 (2143)		2144-2145 (2144)		2145-2146 (2145)		2146-2147 (2146)		2147-2148 (2147)		2148-2149 (2148)		2149-2150 (2149)		2150-2151 (2150)		2151-2152 (2151)		2152-2153 (2152)		2153-2154 (2153)		2154-2155 (2154)		2155-2156 (2155)		2156-2157 (2156)		2157-2158 (2157)		2158-2159 (2158)		2159-2160 (2159)		2160-2161 (2160)		2161-2162 (2161)		2162-2163 (2162)		2163-2164 (2163)		2164-2165 (2164)		2165-2166 (2165)		2166-2167 (2166)		2167-216	
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><MW: 101960, pI: 8.21, NX(S/T): 5

Signal sequence.

N-glycosylation sites.

Tyrosine kinase phosphorylation sites.

N-myristoylation sites.

Amidation site.

amino acids 87-91

Cell attachment sequence.

amino acids 165-168

Leucine zipper pattern.

amino acids 315-337

FIGURE 5

GGCGGAGCAGCCCTAGCCGCCACCGTCGCTCTCGCAGCTCTCGTCGCCACTGCCACCGCCGCCGCCGTCCTGCG
TCCTGGCTCCGGCTCCCGCGCCCTCCCGGCCCGGCCATGCAGCCCCCGCGCGCCAGGCGCCCGGTGCGCAGCTGC
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TGAAATGGGATCAAGTGGAGGTGATCCCAGATATTGCCCTGTGGGAATGCCAGTTCTAACAGCTCTGCGGGTGGCC
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GAAAAATATTTTTAAAAACAAAATTTGTGAAACCTATAGACGATGTTTTAATGTACCTTCAGCTCTCTAACTGT
GTGCTTCTACTAGTGTGTGCTCTTTTCACTGTAGACACTATCACGAGACCCAGATTAATTTCTGTGGTTGTTACA
GAATAAGTCTAATCAAGGAGAAGTTTTCTGTTTGACGTTTGAGTGCCGGCTTTCTGAGTAGAGTTAGGAAAACCAC
GTAACGTAGCATATGATGTATAATAGAGTATACCCGTTACTTAAAAAGAAGTCTGAAATGTTCTGTTTTGTGGA
AGAAACTAGTTAAATTTACTATTCCCTAACCCGAATGAAATTAGCCTTTGCCTTATTCTGTGCATGGGTAAGTAAC
TTATTTCTGCACTGTTTTGTTGAACTTTGTGGAACATTCTTTTCAGTTTGTTTTTGTCAATTTTCGTAACAGTCG
TCGAACTAGGCCTCAAAAACATACGTAACGAAAAGGCCTAGCGAGGCAAATTTCTGATTGATTTGAATCTATATTT
TTCTTTAAAAAGTCAAGGGTTCTATATTGTGAGTAAATTAATTTTACATTTGAGTTGTTTGTGCTAAGAGGTAG
TAAATGTAAGAGAGTACTGGTTCCTTCAGTAGTGAGTATTTCTCATAGTGACGCTTTATTTATCTCCAGGATGTT
TTTGTGGCTGTATTTGATTGATATGTGCTTCTTCTGATTCTTGCTAATTTCCAACCATATTGAATAAATGTGATC
AAGTCA

FIGURE 6

><subunit 1 of 1, 737 aa, 1 stop

><MW: 78475, pI: 5.09, NX(S/T): 11

MQPRRAQAPGAQQLLPALALLLLLLGAGPRGSSLANPVPAAPLSAPGPCAAQPCRNGGVCTSR
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EGYEGPNCEQALPSLPATGWTESMAPRQLQVPVATQEPDKILPRSQATVTLPTWQPKTGQKV
VEMKWDQVEVIPDIACGNASSNSSAGGRLVSFEVPQNTSVKIRQDATASLILLWKVTATGFQ
QCSLIDGRSVTPLQASGGLVLLLEMLALGNHFIGFVND SVTKSIVALRLTLVVKVSTCVPG
ESHANDLECSGKGKCTTKPSEATFSC TCEEQYVGTFCEEYDACQRKPCQNNASCIDANEKQD
GSNFTCVCLPGYTGELCQSKIDYCI LDPCRNGATCISSLSGFTCQCPEGYFGSACEEKVDPC
ASSPCQNNGT CYVDGVHFTCNCS PGFTGPTCAQLIDFCALSPCAHGTCRSVGTSYKCLCDPG
YHGLYCEEEYNECL SAPCLNAATCRDLVNGYECVCLA EYKGTHCELYKDPCANVSCLNGATC
DSDGLNGTCICAPGFTGEECDIDINECD SNPCHHGGSCLDQPNGYNCHCPHGWVGANCEIHL
QWKS GHMAESLTNMPRHSLYIIIGALCVAFILMLIILIVGICRISRIEYQGSSRPAYEEFY N
CRSIDSEFSNAIASIRHARFGKKS RPAMYDVSP IAYEDYSPDDKPLVTLIKTKDL

Signal sequence.

amino acids 1-28

Transmembrane domain.

amino acids 641-660

N-glycosylation sites.

amino acids 107-111, 204-208, 208-212, 223-227, 286-290, 361-365,
375-379, 442-446, 549-553, 564-568

Glycosaminoglycan attachment site.

amino acids 320-324

Tyrosine kinase phosphorylation sites.

amino acids 490-498, 674-682

N-myristoylation sites.

amino acids 30-36, 56-62, 57-63, 85-91, 106-112, 203-209,
373-379, 449-455, 480-486, 562-568, 565-571

Amidation site.

amino acids 702-706

Aspartic acid and asparagine hydroxylation site.

amino acids 520-532, 596-608

EGF-like domain cysteine pattern signatures.

amino acids 80-92, 121-133, 336-348, 378-390, 416-428, 454-466,
491-503, 529-541, 567-579, 605-617

Descriptive Statistics		Descriptive Statistics	
Variable	Mean	Variable	Mean
Age	35.2	Gender	0.45
Education	12.5	Marital Status	0.65
Income	45.8	Employment Status	0.75
Health Status	2.1	Stress Level	3.2
Life Satisfaction	4.5	Quality of Life	5.1
Physical Activity	1.8	Social Support	4.3
Dietary Habits	2.5	Substance Use	0.1
Work-Life Balance	3.7	Resilience	2.8
Family Support	4.2	Self-Efficacy	3.5
Community Involvement	2.9	Optimism	3.1
Perceived Stress	3.8	Gratitude	2.7
Emotional Stability	3.3	Life Purpose	3.4
Relationship Satisfaction	4.1	Personal Growth	2.9
Financial Stability	3.6	Health Consciousness	3.0
Work Satisfaction	3.9	Environmental Awareness	2.6
Life Goals Achievement	3.2	Future Outlook	3.3
Overall Well-being	4.0		

1. The first part of the document is a title page. It contains the title "The Role of the State in the Development of the Economy" and the author's name "John Doe".

2. The second part of the document is an abstract. It provides a brief summary of the main findings of the study.

3. The third part of the document is the introduction. It discusses the importance of the state in the development of the economy and the objectives of the study.

4. The fourth part of the document is the literature review. It examines the existing research on the role of the state in the development of the economy.

5. The fifth part of the document is the methodology. It describes the research methods used in the study.

6. The sixth part of the document is the results and discussion. It presents the findings of the study and discusses their implications.

7. The seventh part of the document is the conclusion. It summarizes the main findings of the study and provides recommendations for future research.

8. The eighth part of the document is the references. It lists the sources used in the study.

9. The ninth part of the document is the appendix. It contains additional information related to the study.

10. The tenth part of the document is the index. It provides a list of the topics covered in the document.

FIGURE 8

CTCTGGAAGGTCACGGCCACAGGATTCCAACAGTGCTCCCTCATAGATGGACGAAAGTGTGA
CCCCCCTTTCAGGCTTTCAGGGGGACTGGTCCTCCTGGAGGAGATGCTCGCCTTGGGGAATA
ATCACTTTATTGGTTTTGTGAATGATTCTGTGACTAAGTCTATTGTGGCTTTGCGCTTAACT
CTGGTGGTGAAGGTCAGCACCTGTGTGCCGGGGGAGAGTCACGCAAATGACTTGGAGTGTTT
AGGAAAAGGAAAATGCACCACGAAGCCGTCAGAGGCAACTTTTTCTGTACCTGTGAGGAGC
AGTACGTGGGTACTTTCTGTGAAGAATACGATGCTTGCCAGAGGAAACCTTGCCAAAACAAC
GCGAGCTGTATTGATGCAAATGAAAAGCAAGATGGGAGCAATTTACCTGTGTTTGCCTTCC
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GAGATAGGGGAG

09443-0300
"0000" 244650

[illegible]

1. The first part of the document is a title page. It contains the title "The Role of the State in the Development of the Economy" and the author's name "John Doe".

2. The second part of the document is an abstract. It provides a brief summary of the main findings of the study.

3. The third part of the document is the introduction. It discusses the importance of the state in the development of the economy and the objectives of the study.

4. The fourth part of the document is the literature review. It examines the existing research on the role of the state in the development of the economy.

5. The fifth part of the document is the methodology. It describes the research methods used in the study.

6. The sixth part of the document is the results and discussion. It presents the findings of the study and discusses their implications.

7. The seventh part of the document is the conclusion. It summarizes the main findings of the study and provides recommendations for future research.

8. The eighth part of the document is the references. It lists the sources used in the study.

9. The ninth part of the document is the appendix. It contains additional information related to the study.

10. The tenth part of the document is the index. It provides a list of the topics covered in the document.

Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 10.0
Gender	
Male	50 (50.0%)
Female	50 (50.0%)
Education (years)	12.0 ± 2.0
Marital status	
Married	40 (80.0%)
Single	10 (20.0%)
Occupation	
Retired	30 (60.0%)
Unemployed	20 (40.0%)
Income (USD/month)	1,200 ± 300
Health status	
Good	30 (60.0%)
Poor	20 (40.0%)
Comorbidities	
Hypertension	15 (30.0%)
Diabetes	10 (20.0%)
Cholesterol	12 (24.0%)
Arthritis	8 (16.0%)
Other	5 (10.0%)
Medication use	
Yes	25 (50.0%)
No	25 (50.0%)
Smoking status	
Smoker	10 (20.0%)
Non-smoker	40 (80.0%)
Alcohol consumption	
Regular	5 (10.0%)
Occasional	15 (30.0%)
Never	30 (60.0%)

<MW: 47787, pI: 6.11, NX(S/T): 5

amino acids 134-157

FIGURE 11

AAAACCTATAAATATTCCGGATTATTTCATACCGTCCCACCATCGGGCGCGGATCCGCGGCCG
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CCCAGGGCCTGCAAGAGCAGGCACGGGCCCTGATGCGGGACTTCCCGCTCGTGGACGGCCAC
AACGACCTGCCCCCTGGTCCTAAGGCAGGTTTACCAGAAAGGGCTACAGGATGTTAACCTGCG
CAATTTTCAGCTACGGCCAGACCAGCCTGGACAGGCTTAGAGATGGCCTCGTGGGCGCCCAGT
TCTGGTCAGCCTATGTGCCATGCCAGACCCAGGACCGGGATGCCCTGCGCCTCACCCTGGAG
CAGATTGACCTCATACGCCGCATGTGTGCCTCCTATTCTGAGCTGGAGCTTGTGACCTCGGC
TAAAGCTCTGAACGACACTCAGAAATTGGCCTGCCTCATCGGTGTAGAGGGTGGCCACTCGC
TGGACAATAGCCTCTCCATCTTACGTACCTTCTACATGCTGGGAGTGCGCTACCTGACGCTC
ACCCACACCTGCAACACACCCTGGGCAGAGAGCTCCGCTAAGGGCGTCCACTCCTTCTACAA
CAACATCAGCGGGCTGACTGACTTTGGTGAGAAGGTGGTGGCAGAAATGAACCGCCTGGGCA
TGATGGTAGACTTATCCCATGTCTCAGATGCTGTGGCACGGCGGGCCCTGGAAGTGTACAG
GCACCTGTGATCTTCTCCCACTCGGCTGCCCCGGGTGTGTGCAACAGTGCTCGGAATGTTCC
TGATGACATCCTGCAGCTTCTGAAGAAGAACGGTGGCGTCGTGATGGTGTCTTTGTCCATGG
GAGTAATACAGTGCAACCCATCAGCCAATGTGTCCACTGTGGCAGATCACTTCGACCACATC
AAGGCTGTCATTGGATCCAAGTTCATCGGGATTGGTGGAGATTATGATGGGGCCGGCAAATT
CCCTCAGGGGCTGGAAGACGTGTCCACATACCCGGTCCTGATAGAGGAGTTGCTGAGTCGTG
GCTGGAGTGAGGAAGAGCTTCAGGGTGTCTTCGTGGAAACCTGCTGCGGGTCTTCAGACAA
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GCAGCTGAGCAGTTCCTGCCACTCCGACCTCTCACGTCTGCGTCAGAGACAGAGTCTGACTT
CAGGCCAGGAACTCACTGAGATTCCCATACACTGGACAGCCAAGTTACCAGCCAAGTGGTCA
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ACTCCTGGGGGGACCGTCAGTCTTCTCTTCCCCCAAAACCCAAGGACACC

[illegible]

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><subunit 1 of 1, 446 aa, 0 stop
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TQKLACLIGVEGGHSLDNSLSILRTFYMLGVRYLTLTHTCNTPWAESSAKGVHSFYNNISGL
TDFGEKVVAEMNRLGMMVDLSHVSDAVARRALEV SQAPVIFSHSAARGVCNSARNVPDDILQ
LLKKNGGVVMVSLSMGVIQCNPSANVSTVADHFDHIKAVIGSKFIGIGGDYDGAGKFPQGLE
DVSTYPVLIEELLSRGWSEEELQGVLRGNLLRVFRQVEKVQEENKWQSPLEDKFPDEQLSSS
CHSDLSRLRQRQSLTSGQELTEIPIHWTAKLPAKWSVSESSPHPKDTHTCPPCPAPELLGGP
SVFLFPKPKDT

Descriptive Statistics		Univariate Analysis		Multivariate Analysis	
Variable	Mean (SD)	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)
Age (years)	65.2 (10.5)	1.02 (0.98, 1.06)	1.01 (0.97, 1.05)	1.00 (0.96, 1.04)	1.00 (0.96, 1.04)
Gender					
Male	58.5 (11.2)	1.0	1.0	1.0	1.0
Female	61.8 (9.8)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)	1.00 (0.90, 1.10)
Education (years)	12.5 (2.1)	1.01 (0.99, 1.03)	1.00 (0.98, 1.02)	1.00 (0.98, 1.02)	1.00 (0.98, 1.02)
Income (USD/month)	1,200 (300)	1.01 (0.99, 1.03)	1.00 (0.98, 1.02)	1.00 (0.98, 1.02)	1.00 (0.98, 1.02)
Marital Status					
Married	60.5 (10.0)	1.0	1.0	1.0	1.0
Single	62.5 (11.5)	1.08 (0.98, 1.18)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)
Health Insurance					
Medicare	61.0 (10.5)	1.0	1.0	1.0	1.0
Private	63.5 (11.0)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)	1.00 (0.90, 1.10)
Comorbidities					
Hypertension	55.0 (10.0)	1.0	1.0	1.0	1.0
Diabetes	58.0 (11.0)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)	1.00 (0.90, 1.10)
Heart Disease	60.0 (12.0)	1.08 (0.98, 1.18)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)
COPD	62.0 (13.0)	1.10 (1.00, 1.20)	1.07 (0.97, 1.17)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)
Stroke	64.0 (14.0)	1.15 (1.05, 1.25)	1.12 (1.02, 1.22)	1.10 (1.00, 1.20)	1.08 (0.98, 1.18)
Kidney Disease	66.0 (15.0)	1.20 (1.10, 1.30)	1.17 (1.07, 1.27)	1.15 (1.05, 1.25)	1.13 (1.03, 1.23)
Cancer	68.0 (16.0)	1.25 (1.15, 1.35)	1.22 (1.12, 1.32)	1.20 (1.10, 1.30)	1.18 (1.08, 1.28)
Other	70.0 (17.0)	1.30 (1.20, 1.40)	1.27 (1.17, 1.37)	1.25 (1.15, 1.35)	1.23 (1.13, 1.33)
Medication Use					
Antihypertensives	55.0 (10.0)	1.0	1.0	1.0	1.0
Antidiabetics	58.0 (11.0)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)	1.00 (0.90, 1.10)
Cardiovascular	60.0 (12.0)	1.08 (0.98, 1.18)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)	1.01 (0.91, 1.11)
Respiratory	62.0 (13.0)	1.10 (1.00, 1.20)	1.07 (0.97, 1.17)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)
Neurological	64.0 (14.0)	1.15 (1.05, 1.25)	1.12 (1.02, 1.22)	1.10 (1.00, 1.20)	1.08 (0.98, 1.18)
Other	66.0 (15.0)	1.20 (1.10, 1.30)	1.17 (1.07, 1.27)	1.15 (1.05, 1.25)	1.13 (1.03, 1.23)
Functional Status					
Independent	60.0 (10.0)	1.0	1.0	1.0	1.0
Dependent	65.0 (12.0)	1.10 (1.00, 1.20)	1.07 (0.97, 1.17)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)
Quality of Life					
High	60.0 (10.0)	1.0	1.0	1.0	1.0
Low	65.0 (12.0)	1.10 (1.00, 1.20)	1.07 (0.97, 1.17)	1.05 (0.95, 1.15)	1.03 (0.93, 1.13)

[illegible]

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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LEDQLSVRWVSPPALKDFLFQAKYQIRYRVEDSVDWKVDDVSNQTSCLAGLKPGTVYFVQ
VRCNPFGIYGSKKAGIWSEWSHPTAASTPRSERPGPGGGACEPRGGEPSSGPVRRELKQFLG
WLKKHAYCSNLSFRLYDQWRAWMQSHKTRNQDEGILPSGRRGTARGPAR

amino acids 1-30

amino acids 44-61

amino acids 92-96, 104-108, 140-144, 168-172, 292-296, 382-386

amino acids 413-417

amino acids 30-36, 37-43, 73-79, 121-127, 179-185, 218-224,
300-306, 317-323, 320-326, 347-353, 355-361, 407-413

amino acids 3-7, 79-83, 411-415

amino acids 325-331

1. 2000-2001 2. 2001-2002 3. 2002-2003 4. 2003-2004 5. 2004-2005 6. 2005-2006 7. 2006-2007 8. 2007-2008 9. 2008-2009 10. 2009-2010 11. 2010-2011 12. 2011-2012 13. 2012-2013 14. 2013-2014 15. 2014-2015 16. 2015-2016 17. 2016-2017 18. 2017-2018 19. 2018-2019 20. 2019-2020 21. 2020-2021 22. 2021-2022 23. 2022-2023 24. 2023-2024 25. 2024-2025 26. 2025-2026 27. 2026-2027 28. 2027-2028 29. 2028-2029 30. 2029-2030 31. 2030-2031 32. 2031-2032 33. 2032-2033 34. 2033-2034 35. 2034-2035 36. 2035-2036 37. 2036-2037 38. 2037-2038 39. 2038-2039 40. 2039-2040 41. 2040-2041 42. 2041-2042 43. 2042-2043 44. 2043-2044 45. 2044-2045 46. 2045-2046 47. 2046-2047 48. 2047-2048 49. 2048-2049 50. 2049-2050 51. 2050-2051 52. 2051-2052 53. 2052-2053 54. 2053-2054 55. 2054-2055 56. 2055-2056 57. 2056-2057 58. 2057-2058 59. 2058-2059 60. 2059-2060 61. 2060-2061 62. 2061-2062 63. 2062-2063 64. 2063-2064 65. 2064-2065 66. 2065-2066 67. 2066-2067 68. 2067-2068 69. 2068-2069 70. 2069-2070 71. 2070-2071 72. 2071-2072 73. 2072-2073 74. 2073-2074 75. 2074-2075 76. 2075-2076 77. 2076-2077 78. 2077-2078 79. 2078-2079 80. 2079-2080 81. 2080-2081 82. 2081-2082 83. 2082-2083 84. 2083-2084 85. 2084-2085 86. 2085-2086 87. 2086-2087 88. 2087-2088 89. 2088-2089 90. 2089-2090 91. 2090-2091 92. 2091-2092 93. 2092-2093 94. 2093-2094 95. 2094-2095 96. 2095-2096 97. 2096-2097 98. 2097-2098 99. 2098-2099 100. 2099-2100 101. 2100-2101 102. 2101-2102 103. 2102-2103 104. 2103-2104 105. 2104-2105 106. 2105-2106 107. 2106-2107 108. 2107-2108 109. 2108-2109 110. 2109-2110 111. 2110-2111 112. 2111-2112 113. 2112-2113 114. 2113-2114 115. 2114-2115 116. 2115-2116 117. 2116-2117 118. 2117-2118 119. 2118-2119 120. 2119-2120 121. 2120-2121 122. 2121-2122 123. 2122-2123 124. 2123-2124 125. 2124-2125 126. 2125-2126 127. 2126-2127 128. 2127-2128 129. 2128-2129 130. 2129-2130 131. 2130-2131 132. 2131-2132 133. 2132-2133 134. 2133-2134 135. 2134-2135 136. 2135-2136 137. 2136-2137 138. 2137-2138 139. 2138-2139 140. 2139-2140 141. 2140-2141 142. 2141-2142 143. 2142-2143 144. 2143-2144 145. 2144-2145 146. 2145-2146 147. 2146-2147 148. 2147-2148 149. 2148-2149 150. 2149-2150 151. 2150-2151 152. 2151-2152 153. 2152-2153 154. 2153-2154 155. 2154-2155 156. 2155-2156 157. 2156-2157 158. 2157-2158 159. 2158-2159 160. 2159-2160 161. 2160-2161 162. 2161-2162 163. 2162-2163 164. 2163-2164 165. 2164-2165 166. 2165-2166 167. 2166-2167 168. 2167-2168 169. 2168-2169 170. 2169-2170 171. 2170-2171 172. 2171-2172 173. 2172-2173 174. 2173-2174 175. 2174-2175 176. 2175-2176 177. 2176-2177 178. 2177-2178 179. 2178-2179 180. 2179-2180 181. 2180-2181 182. 2181-2182 183. 2182-2183 184. 2183-2184 185. 2184-2185 186. 2185-2186 187. 2186-2187 188. 2187-2188 189. 2188-2189 190. 2189-2190 191. 2190-2191 192. 2191-2192 193. 2192-2193 194. 2193-2194 195. 2194-2195 196. 2195-2196 197. 2196-2197 198. 2197-2198 199. 2198-2199 200. 2199-2200 201. 2200-2201 202. 2201-2202 203. 2202-2203 204. 2203-2204 205. 2204-2205 206. 2205-2206 207. 2206-2207 208. 2207-2208 209. 2208-2209 210. 2209-2210 211. 2210-2211 212. 2211-2212 213. 2212-2213 214. 2213-2214 215. 2214-2215 216. 2215-2216 217. 2216-2217 218. 2217-2218 219. 2218-2219 220. 2219-2220 221.	
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CCCACGCGTCCGCTGGTGTAGATCGAGCAACCCTCTAAAAGCAGTTTAGAGTGGTAAAAAA
 AAAAAAAAAACACACCAAACGCTCGCAGCCACAAAAGGGATGAAATTTCTTCTGGACATCCTC
 CTGCTTCTCCCGTTACTGATCGTCTGCTCCCTAGAGTCCTTCGTGAAGCTTTTTATTCTTA
 GAGGAGAAAATCAGTCACCGGCGAAATCGTGCTGATTACAGGAGCTGGGCATGGAATTGGGA
 GACTGACTGCCTATGAATTTGCTAAACTTAAAAGCAAGCTGGTTCTCTGGGATATAAATAAG
 CATGGACTGGAGGAAACAGCTGCCAAATGCAAGGGACTGGGTGCCAAGGTTCATACCTTTGT
 GGTAGACTGCAGCAACCGAGAAGATATTTACAGCTCTGCAAAGAAGGTGAAGGCAGAAATTG
 GAGATGTTAGTATTTTAGTAAATAATGCTGGTGTAGTCTATACATCAGATTTGTTTGCTACA
 CAAGATCCTCAGATTGAAAAGACTTTTGAAGTTAATGTACTTGCACATTTCTGGACTACAAA
 GGCATTTCTTCCTGCAATGACGAAGAATAACCATGGCCATATTGTCACTGTGGCTTCGGCAG
 CTGGACATGTCTCGGTCCCCTTCTTACTGGCTTACTGTTCAAGCAAGTTTGCTGCTGTTGGA
 TTTTCATAAACTTTGACAGATGAACTGGCTGCCTTACAAATAACTGGAGTCAAAACAACATG
 TCTGTGTCCTAATTTTCGTAAACACTGGCTTCATCAAAAATCCAAGTACAAGTTTGGGACCCA
 CTCTGGAACCTGAGGAAGTGGTAAACAGGCTGATGCATGGGATTCTGACTGAGCAGAAGATG
 ATTTTTATTCCATCTTCTATAGCTTTTTTAAACAACATTGGAAAGGATCCTTCCTGAGCGTTT
 CCTGGCAGTTTTTAAAACGAAAAATCAGTGTTAAGTTTGATGCAGTTATTGGATATAAAATGA
 AAGCGCAATAAGCACCTAGTTTTCTGAAAACCTGATTTACCAGGTTTAGGTTGATGTCATCTA
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 TCATTTTTTGAGGCTTTGGCAGTCTTCATTTACTACCACTTGTTCTTTAGCCAAAAGCTGATT
 ACATATGATATAAACAGAGAAATACCTTTAGAGGTGACTTTAAGGAAAATGAAGAAAAAGAA
 CAAAATGACTTTATTAAATAATTTCCAAGATTATTTGTGGCTCACCTGAAGGCTTTGCAA
 AATTGTACCATAACCGTTTATTTAACATATATTTTTATTTTTGATTGCACTTAAATTTTGT
 ATAATTTGTGTTTCTTTTTCTGTTCTACATAAAATCAGAACTTCAAGCTCTCTAAATAAAA
 TGAAGGACTATATCTAGTGGTATTTCAATGAATATCATGAACCTCTCAATGGGTAGGTTTC
 ATCCTACCCATTGCCACTCTGTTTCCTGAGAGATACCTCACATTCCAATGCCAAACATTTCT
 GCACAGGGAAGCTAGAGGTGGATACCGTGTTGCAAGTATAAAAAGCATCACTGGGATTTAAG
 GAGAATTGAGAGAATGTACCCACAAATGGCAGCAATAATAAATGGATCACACTTAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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<subunit 1 of 1, 300 aa, 1 stop

MKFLLDILLLLPLLIIVCSLESFVKLFIPKRRKSVTGEIVLITGAGHGIGRLTAYEFAKLKSK
LVLWDINKHGLEETAACKCKGLGAKVHTFVVDCSNREDIYSSAKKVKAIEIGDVSILVNNAGVV
YTSDLFATQDPQIEKTFEENVLAHFWTTKAFLPAMTKNNHGHIVTVASAAGHVSVPFLLAYC
SSKFAAVGFHKTLTDELAALQITGVKTTCLCPNFVNTGFIKNPSTSLGPTLEPEEVNRLMH
GILTEOKMIFIPSSIAFLTTLERILPERFLAVLKRKISVKFDVIGYKMKAO

amino acids 1-19

amino acids 170-187

amino acids 30-34, 283-287

amino acids 43-49, 72-78, 122-128, 210-216

FIGURE 17

GACTAGTTCTCTTGGAGTCTGGGAGGAGGAAAGCGGAGCCGGCAGGGAGCGAACCAGGACTG
GGGTGACGGCAGGGCAGGGGGCGCCTGGCCGGGGAGAAGCGCGGGGGCTGGAGCACCACCAA
CTGGAGGGTCCGGAGTAGCGAGCGCCCCGAAGGAGGCCATCGGGGAGCCGGGAGGGGGGACT
GCGAGAGGACCCCGGCGTCCGGGCTCCCGGTGCCAGCGCTATGAGGCCACTCCTCGTCCTGC
TGCTCCTGGGCCTGGCGGCCGGCTCGCCCCACTGGACGACAACAAGATCCCCAGCCTCTGC
CCGGGGCACCCCGGCCTTCCAGGCACGCCGGGGCCACCATGGCAGCCAGGGCTTGCCGGGCCG
CGATGGCCGCGACGGCCGCGACGGCGCGCCGGGGCTCCGGGAGAGAAAGGCGAGGGCGGGA
GGCCGGGACTGCCGGGACCTCGAGGGGACCCCGGGCCGCGAGGAGAGGCGGGACCCGCGGGG
CCCACCGGGCCTGCCGGGGAGTGCTCGGTGCCTCCGCGATCCGCCTTCAGCGCCAAGCGCTC
CGAGAGCCGGGTGCCTCCGCCGTCTGACGCACCCTTGCCCTTCGACCGCGTGCTGGTGAACG
AGCAGGGACATTACGACGCCGTACCCGGCAAGTTCACCTGCCAGGTGCCTGGGGTCTACTAC
TTCGCCGTCCATGCCACCGTCTACCGGGCCAGCCTGCAGTTTGATCTGGTGAAGAATGGCGA
ATCCATTGCCTCTTTCTTCCAGTTTTTCGGGGGGTGGCCCAAGCCAGCCTCGCTCTCGGGGG
GGGCCATGGTGAGGCTGGAGCCTGAGGACCAAGTGTGGGTGCAGGTGGGTGTGGGTGACTAC
ATTGGCATCTATGCCAGCATCAAGACAGACAGCACCTTCTCCGGATTTCTGGTGTACTCCGA
CTGGCACAGCTCCCCAGTCTTTGCTTAGTGCCCACTGCAAAGTGAGCTCATGCTCTCACTCC
TAGAAGGAGGGTGTGAGGCTGACAACCAGGTCATCCAGGAGGGCTGGCCCCCCTGGAATATT
GTGAATGACTAGGGAGGTGGGGTAGAGCACTCTCCGTCCTGCTGCTGGCAAGGAATGGGAAC
AGTGGCTGTCTGCGATCAGGTCTGGCAGCATGGGGCAGTGGCTGGATTTCTGCCCAAGACCA
GAGGAGTGTGCTGTGCTGGCAAGTGTAAGTCCCCAGTTGCTCTGGTCCAGGAGCCCACGGT
GGGGTGCTCTCTTCCTGGTCCTCTGCTTCTCTGGATCCTCCCCACCCCCTCCTGCTCCTGGG
GCCGGCCCTTTTCTCAGAGATCACTCAATAAACCTAAGAACCCTCATAAAAAAAAAAAAAA
AAAAAAAAAAAAA

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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MRPLLVL LLLGLAAGSPPLDDNKIPSLCPGHPGLPGTPGHHGSQGLPGRDGRDGRDGAPGAP
GEKGEGRPGLPGPRGDPGRGEAGPAGPTGPAGECSVPPRSAFSAKRSESRVPPPSDAPLP
FDRVLVNEQGHYDAVTGKFTCQVPGVYYFAVHATVYRASLQFDLVKNGESIASFFQFFGGWP
KPAASLSGGAMVRLEPEDQVWVQVGVDYIGIYASIKTDSTFSGFLVYSDWHSSPVFA

amino acids 1-15

amino acids 11-17, 68-74, 216-222

amino acids 77-80

Demographic characteristics		Psychiatric history		Substance use		Social support		Treatment history		Current symptoms		Outcomes			
Variable	Mean (SD)	Variable	Mean (SD)	Variable	Mean (SD)	Variable	Mean (SD)	Variable	Mean (SD)	Variable	Mean (SD)	Variable	Mean (SD)		
Age	35.2 (12.5)	Major depressive disorder	1.2 (0.4)	Alcohol use	1.5 (0.8)	Family support	2.1 (1.2)	Previous hospitalizations	1.8 (0.9)	Current mood	1.9 (0.7)	Remission rate	78.5 (15.2)	Relapse rate	21.5 (15.2)
Gender	Female: 65%	Bipolar disorder	0.8 (0.3)	Drug use	0.9 (0.5)	Peer support	1.8 (1.0)	Medication adherence	2.5 (1.1)	Current anxiety	1.7 (0.6)	Quality of life	3.2 (1.8)	Social functioning	2.9 (1.5)
Ethnicity	White: 55%	Personality disorder	0.5 (0.2)	Tobacco use	0.7 (0.4)	Community support	1.5 (0.9)	Therapy attendance	2.2 (1.0)	Current insomnia	1.6 (0.5)	Life satisfaction	3.5 (1.9)	Employment status	2.7 (1.4)
Marital status	Married: 40%	Substance use disorder	0.3 (0.1)	Cannabis use	0.4 (0.2)	Work support	1.2 (0.7)	Relapse history	1.5 (0.8)	Current appetite	1.8 (0.6)	Healthcare utilization	2.4 (1.2)	Financial stability	2.6 (1.3)
Education	High school: 30%	Post-traumatic stress disorder	0.6 (0.2)	Other drug use	0.2 (0.1)	Volunteer work	0.8 (0.5)	Family conflict	1.9 (1.1)	Current energy	1.7 (0.5)	Health insurance	2.1 (1.0)	Relationship satisfaction	2.8 (1.4)
Income	\$15,000: 25%	Obsessive-compulsive disorder	0.4 (0.1)	Alcohol withdrawal	0.1 (0.0)	Religious support	1.1 (0.6)	Stress management	1.7 (0.9)	Current concentration	1.6 (0.4)	Physical health	2.3 (1.1)	Self-esteem	2.5 (1.2)
Health insurance	Medicaid: 45%	Generalized anxiety disorder	0.7 (0.2)	Alcohol tolerance	0.3 (0.1)	Spouse support	1.4 (0.8)	Emotional regulation	1.8 (1.0)	Current motivation	1.9 (0.6)	Chronic pain	1.5 (0.7)	Life goals achievement	2.9 (1.5)
Employment	Unemployed: 35%	Specific phobia	0.3 (0.1)	Alcohol dependence	0.2 (0.1)	Friend support	1.3 (0.7)	Self-compassion	1.6 (0.8)	Current hope	1.8 (0.5)	Substance use reduction	2.0 (1.0)	Overall well-being	3.1 (1.6)
Comorbidities	Chronic pain: 15%	Agoraphobia	0.2 (0.1)	Alcohol craving	0.4 (0.2)	Support group participation	1.0 (0.6)	Resilience	1.5 (0.7)	Current optimism	1.7 (0.4)	Healthcare satisfaction	2.2 (1.1)	Life expectancy	2.8 (1.3)
Medication	Antidepressants: 60%	Specific phobia	0.1 (0.0)	Alcohol relapse	0.1 (0.0)	Family therapy	0.9 (0.5)	Self-efficacy	1.4 (0.6)	Current happiness	1.9 (0.5)	Healthcare access	2.0 (1.0)	Life satisfaction	3.0 (1.4)
Therapy	Cognitive-behavioral: 50%	Specific phobia	0.0 (0.0)	Alcohol relapse	0.0 (0.0)	Peer support group	0.8 (0.4)	Self-compassion	1.3 (0.5)	Current life satisfaction	1.8 (0.4)	Healthcare utilization	1.9 (0.9)	Life satisfaction	3.1 (1.5)
Outcomes	Remission rate: 78.5%	Specific phobia	0.0 (0.0)	Alcohol relapse	0.0 (0.0)	Religious support group	0.7 (0.4)	Self-compassion	1.2 (0.4)	Current life satisfaction	1.7 (0.3)	Healthcare utilization	1.8 (0.8)	Life satisfaction	3.2 (1.4)
		Specific phobia	0.0 (0.0)	Alcohol relapse	0.0 (0.0)	Religious support group	0.6 (0.3)	Self-compassion	1.1 (0.3)	Current life satisfaction	1.6 (0.2)	Healthcare utilization	1.7 (0.7)	Life satisfaction	3.3 (1.3)

CTCTTTTGTGCCACCAGCCCAGCCTGACTCCTGGAGATTGTGAATAGCTCCATCCAGCCTGAG
AAACAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCACCTGACGGGCCCAACAGACCC**AT**
GCTGCATCCAGAGACCTCCCCCTGGCCGGGGGCATCTCCTGGCTGTGCTCCTGGCCCTCCTTG
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GCCCCCTGCGGCTGACATGCGGAGGCTGGACTGGAGTGACAGCCTGGCCCCAACTGGCTCAAG
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CAAGTGGGCTGGAACATGCAGCTGCTGCCCCGCGGGCTTGGCGTCCTTTGTTGAAGTGGTCAG
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CTGTGCTCTGCAGGCCAGACAGCGATAGAAGCCTTTGTCTGTGCCTACTCCCCCGGAGGCAA
CTGGGAGGTCAACGGGAAGACAATCATCCCCTATAAGAAGGGTGCCTGGTGTTCGCTCTGCA
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CTGGAGACCACCAACGAGGTGACTGACAGTGACTTCGAGACCAGGAACCTTCTGGATCGGGCT
CACCTACAAGACCGCCAAGGACTCCTTCCGCTGGGCCACAGGGGAGCACCAGGCCTTCACCA
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GAGGCCTGACCACATGGCTCCCTCGCCTGCCCTGGGAGCACCGGCTCTGCTTACCTGTCTGC
CCACCTGTCTGGAACAAGGGCCAGGTTAAGACCACATGCCTCATGTCCAAGAGGTCTCAGA
CCTTGCACAATGCCAGAAGTTGGGCAGAGAGAGGCAGGGAGGCCAGTGAGGGCCAGGGAGTG
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[illegible]

<MW: 50478, pI: 8.44, NX(S/T): 2

amino acids 417-442

FIGURE 21

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CGCCCCGCCATGCTCCTGCTGCTGGGGCTGTGCCTGGGGCTGTCCCTGTGTGTGGGGTCGCA
GGAAGAGGCGCAGAGCTGGGGCCACTCTTCGGAGCAGGATGGACTCAGGGTCCCCGAGGCAAG
TCAGACTGTTGCAGAGGCTGAAAACCAAACCTTTGATGACAGAATTCTCAGTGAAGTCTACC
ATCATTTCCTCGTTATGCCTTCACTACGGTTTCTCTGCAGAATGCTGAACAGAGCTTCTGAAGA
CCAGGACATTGAGTTCAGATGCAGATTCCAGCTGCAGCTTTCATCACCAACTTCACTATGC
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GCTTCACAACAGCAGGCAGAGGGGCGAGTGGGCGCGGGGAAGATGATTCTGGGCCTCCCCAT
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CAAGCCAGGATTGCCCAGAATGGAATTTTGGGAGACTTTATCATTAGATATGACGTCAATAG
AGAACAGAGCATTGGGGACATCCAGGTTCTAAATGGCTATTTTGTGCACTACTTTGCTCCTA
AAGACCTTCCTCCTTTACCCAAGAATGTGGTATTCGTGCTTGACAGCAGTGCTTCTATGGTG
GGAACCAAACTCCGGCAGACCAAGGATGCCCTCTTCACAATTCTCCATGACCTCCGACCCCA
GGACCGTTTTAGTATCATTGGATTTTCCAACCGGATCAAAGTATGGAAGGACCACTTGATAT
CAGTCACTCCAGACAGCATCAGGGATGGGAAAGTGTACATTACCATATGTCACCCACTGGA
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CAGTGGCATTGGAGACCGGAGCGTGTCCCTCATCGTCTTCTGACGGATGGGAAGCCACGG
TCGGGGAGACGCACACCCTCAAGATCCTCAACAACACCCGAGAGGCCGCCGAGGCCAAGTC
TGCATCTTCACCATTTGGCATCGGCAACGACGTGGACTTCAGGCTGCTGGAGAACTGTCGCT
GGAGAACTGTGGCCTCACACGGCGCGTGCACGAGGAGGAGGACGCAGGCTCGCAGCTCATCG
GGTTCTACGATGAAATCAGGACCCCGCTCCTCTCTGACATCCGCATCGATTATCCCCCAGC
TCAGTGGTGCAGGCCACCAAGACCCTGTTCCCCAACTACTTCAACGGCTCGGAGATCATCAT
TGCGGGGAAGCTGGTGGACAGGAAGCTGGATCACCTGCACGTGGAGGTCACCGCCAGCAACA
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AGAAGGAGCGGCTGCGGCAGCGGGCCCAGGCCCTGGCTGTGAGCTACCGCTTCCTCACTCCC
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[illegible]

<subunit 1 of 1, 694 aa, 1 stop

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KRNKTTTEENGEKGTETIFRASAVIPSKDKAAFFLSYEELLQRRLLGKYEHSISVRPQQLSGRLS
VDVNILESAGIASLEVLPLHNSRQRGSGRGEDDSGPPPTVINQNETFANIIFKPTTVVQQAR
IAQNGILGDFIIRYDVNREQSIGDIQVLNGYFVHYFAPKDLPLPKNVVFLDSSASMVGTK
LRQTKDALFTILHDLRPQDRFSIIGFSNRIKVWKDHLISVTPDSIRDGKVYIHHMSPTGGTD
INGALQRAIRLLNKYVAHSGIGDRSVSLIVFLTLDGKPTVGETHTLKI LNNTREAARGQVCIF
TIGIGNDVDFRLLEKLSLENCGLTRRVHEEEDAGSQLIGFYDEIRTPLLSDIRIDYPPSSV
QATKTLFPNYFNGSEII IAGKLVDRKLDHLHVEVTASNKKFIILKTDVPVRPQKAGKDV
TGS
SPRPGGDGEGDTNHIERLWSYLTTKELLSSWLQSDDEPEKERLRQRAQALAVSYRFLTPFTS
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MKLRGPVPRMDGLEEAHGMSAAMGPEPVVQSVRGAGTQPGPLLKKPNSVKKKQNKTKKRHGR
DGVFPLHHLGIR

amino acids 1-14

amino acids 97-101, 127-131, 231-235, 421-425, 508-512, 674-678

amino acids 213-217, 391-395

amino acids 6-12, 10-16, 212-218, 370-376, 632-638, 638-644

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	78.5%
Single	21.5%
Education level	
High school or less	45.2%
College or more	54.8%
Occupation	
Professional	32.1%
Managerial	28.7%
Technical	15.3%
Service	18.9%
Unemployed	5.0%
Income (USD/month)	
< 1000	12.3%
1000-2000	35.7%
2000-3000	28.9%
> 3000	23.1%
Health insurance	
Yes	89.4%
No	10.6%
Smoking status	
Smoker	22.5%
Non-smoker	77.5%
Alcohol consumption	
Regular	8.7%
Occasional	15.2%
Never	76.1%

CGGACGCGTG GGGGTGCCCGACATGGCGAGTGTAGTGCTGCCGAGCGGATCCCAGTGTGCGGC
GGCAGCGGCGGCGGCGGCGCCTCCCGGGCTCCGGCTTCTGCTGTTGCTCTTCTCCGCCGCGG
CACTGATCCCCACAGGTGATGGGCAGAATCTGTTTACGAAAGACGTGACAGTGATCGAGGGA
GAGGTTGCGACCATCAGTTGCCAAGTCAATAAGAGTGACGACTCTGTGATTCTAGCTACTGAA
TCCCAACAGGCAGACCATTATTTCAGGGACTTCAGGCCTTTGAAGGACAGCAGGTTTCAGT
TGCTGAATTTTTCTAGCAGTGAACCTCAAAGTATCATTGACAAACGTCTCAATTTCTGATGAA
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CAGTCAGCTGATGCTGAAGGTGCACAAGGAGGACGATGGGGTCCCAGTGATCTGCCAGGTG
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CAAGTGCACATTCAGATGACTTATCCTCTACAAGGCTTAACCCGGAAGGGGACGCGCTTGA
GTTAACATGTGAAGCCATCGGGAAGCCCCAGCCTGTGATGGTAACCTGGGTGAGAGTCGATG
ATGAAATGCCTCAACACGCCGTACTGTCTGGGCCCAACCTGTTTATCAATAACCTAAACAAA
ACAGATAATGGTACATACCGCTGTGAAGCTTCAAACATAGTGGGGAAAGCTCACTCGGATTA
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GCTGTGCTTGCTCATCATTTCTGGGGCGCTATTTTGCCAGACATAAAGGTACATACTTCACTC
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FIGURE 24

</usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA39518

<subunit 1 of 1, 440 aa, 1 stop

<MW: 48240, pI: 4.93, NX(S/T): 7

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YTDPPQESYTTITVLVPPRNLMIDIQKDTAVEGEEIEVNCTAMASKPATTIRWFKGNTELKG
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KKEYFI

Signal sequence.

amino acids 1-36

Transmembrane domain.

amino acids 372-393

N-glycosylation sites.

amino acids 65-69, 99-103, 111-115, 163-167, 302-306, 306-310,
430-434

Tyrosine kinase phosphorylation sites.

amino acids 233-240, 319-328

N-myristoylation sites.

amino acids 9-15, 227-233, 307-313, 365-371, 376-382, 402-408,
411-417, 427-433, 428-432

FIGURE 25

GGGGCGGGTGGACGCGGACTCGAACGCAGTTGCTTCGGGACCCAGGACCCCTCGGGCCCCGA
CCCCGCCAGGAAAGACTGAGGCCGCGGCCTGCCCCGCCGGCTCCCTGCGCCGCGCGCCCTC
CCGGGACAGAAGATGTGCTCCAGGGTCCCTCTGCTGCTGCCGCTGCTCCTGCTACTGGCCCT
GGGGCCTGGGGTGCAGGGCTGCCCATCCGGCTGCCAGTGCAGCCAGCCACAGACAGTCTTCT
GCACTGCCCCGCCAGGGGACCACGGTGCCCCGAGACGTGCCACCCGACACGGTGGGGCTGTAC
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GCCTCCGGGGCCTGACGCGCCTGCGGCTGGCCGGCAACACCCGCATTGCCAGCTGCGGCCC
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CCTGCCTGGCGACCTCTCGGGCCTCTTCCCCGCTGCGGCTGCTGGCAGCTGCCCGCAACC
CCTTCAACTGCGTGTGCCCCCTGAGCTGGTTTGGCCCCCTGGGTGCGCGAGAGCCACGTCA
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GCCCAACGCCACTTACTCCGTCTGTGTATGCCTTTGGGGCCCCGGGCGGGTGCCGGAGGGCG
AGGAGGCCTGCGGGGAGGCCCATACCCCCAGCCGTCCACTCCAACCACGCCCCAGTCACC
CAGGCCCGCGAGGGCAACCTGCCGCTCCTCATTGCGCCCGCCCTGGCCGCGGTGCTCCTGGC
CGCGCTGGCTGCGGTGGGGGAGCCTACTGTGTGCGGCGGGGGCGGGCCATGGCAGCAGCGG
CTCAGGACAAAGGGCAGGTGGGGCCAGGGGCTGGGCCCCCTGGAACCTGGAGGGAGTGAAGGTC
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GTGTGAGGTGCCACTCATGGGCTTCCAGGGCCTGGCCTCCAGTCACCCCTCCACGCAAAGC
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ATAAAAAAAAAA

Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender (male/female)	10/10
Education (years)	12.0 ± 1.0
Marital status (married/divorced/widowed)	10/0/0
Occupation (retired/employed)	10/0
Income (USD/month)	1,500.0 ± 200.0
Health status (good/fair/poor)	10/0/0
Smoking status (smoker/non-smoker)	0/10
Alcohol consumption (yes/no)	0/10
Comorbidities (hypertension/diabetes/cholesterol)	5/5/5
Medication (yes/no)	10/0
Duration of illness (years)	1.0 ± 0.5
Previous hospitalization (yes/no)	10/0
Family history (yes/no)	5/5
Social support (yes/no)	10/0
Stress level (low/moderate/high)	10/0/0
Quality of life (good/fair/poor)	10/0/0
Overall health (good/fair/poor)	10/0/0

<MW: 63030, pI: 7.24, NX(S/T): 3

Signal sequence.

Transmembrane domain.

N-glycosylation sites.

Tyrosine kinase phosphorylation site.

amino acids 262-270

N-myristoylation sites.

amino acids 23-29, 27-33, 112-118, 273-279, 519-525, 565-571

Prokaryotic membrane lipoprotein lipid attachment site.

amino acids 14-25

EGF-like domain cysteine pattern signature.

amino acids 355-367

Leucine zipper pattern.

amino acids 122-144, 194-216

FIGURE 27

GGCACTAGGACAACCTTCTTCCCTTCTGCACCACTGCCCCGTACCCTTACCCGCCCCGCCACC
TCCTTGCTACCCCACTCTTGAAACCACAGCTGTTGGCAGGGTCCCCAGCTCATGCCAGCCTC
ATCTCCTTTCTTGCTAGCCCCCAAAGGGCCTCCAGGCAACATGGGGGGCCCAGTCAGAGAGC
CGGCACTCTCAGTTGCCCTCTGGTTGAGTTGGGGGGCAGCTCTGGGGGGCCGTGGCTTGTGCC
ATGGCTCTGCTGACCCAACAAACAGAGCTGCAGAGCCTCAGGAGAGAGGTGAGCCGGCTGCA
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GTTCCGATGCCCTGGAAGCCTGGGAGAATGGGGAGAGATCCCGGAAAAGGAGAGCAGTGCTC
ACCCAAAAACAGAAGAAGCAGCACTCTGTCCTGCACCTGGTTCCCATTAACGCCACCTCCAA
GGATGACTCCGATGTGACAGAGGTGATGTGGCAACCAGCTCTTAGGCGTGGGAGAGGCCTAC
AGGCCCAAGGATATGGTGTCCGAATCCAGGATGCTGGAGTTTATCTGCTGTATAGCCAGGTC
CTGTTTCAAGACGTGACTTTCACCATGGGTCAGGTGGTGTCTCGAGAAGGCCAAGGAAGGCA
GGAGACTCTATTCCGATGTATAAGAAGTATGCCCTCCCACCCGGACCGGGCCTACAACAGCT
GCTATAGCGCAGGTGTCTTCCATTTACACCAAGGGGATATTCTGAGTGTGATAATTCCCCGG
GCAAGGGCGAACTTAACCTCTCTCCACATGGAACCTTCCTGGGGTTTGTGAACTGTGATT
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GAGCTGAGTATATAAAGGAGAGGGAATGTGCAGGAACAGAGGCATCTTCCTGGGTTTGGCTC
CCCGTTCCTCACTTTTCCCTTTTCATTCCCACCCCCTAGACTTTGATTTTACGGATATCTTG
CTTCTGTTCCCCATGGAGCTCCG

Variable	Mean	SD	Min	Max
Age	34.5	10.2	18	65
Gender	0.5	0.5	0	1
Marital status	0.6	0.5	0	1
Education	12.5	1.5	9	16
Income	15.2	5.8	5	35
Health status	0.8	0.4	0	1
Employment	0.7	0.5	0	1
Stress level	3.2	1.8	1	5
Life satisfaction	4.1	1.2	2	5
Resilience	2.8	1.5	1	5
Optimism	3.5	1.4	1	5
Self-efficacy	3.8	1.3	1	5
Emotional stability	3.1	1.6	1	5
Prosocial behavior	3.3	1.4	1	5
Aggression	2.9	1.5	1	5
Conscientiousness	3.6	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.4	1.2	1	5
Openness	3.7	1.1	1	5
Conscientiousness	3.5	1.2	1	5
Neuroticism	2.8	1.3	1	5
Extraversion	3.2	1.4	1	5
Openness	3.9	1.1	1	5
Conscientiousness	3.3	1.2	1	5
Neuroticism	2.9	1.3	1	5
Extraversion	3.1	1.4	1	5
Openness	3.6	1.2	1	5
Conscientiousness	3.4	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.3	1.2	1	5
Openness	3.8	1.1	1	5
Conscientiousness	3.2	1.3	1	5
Neuroticism	2.8	1.4	1	5
Extraversion	3.1	1.3	1	5
Openness	3.7	1.2	1	5
Conscientiousness	3.5	1.1	1	5
Neuroticism	2.9	1.3	1	5
Extraversion	3.2	1.4	1	5
Openness	3.6	1.2	1	5
Conscientiousness	3.4	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.3	1.2	1	5
Openness	3.8	1.1	1	5
Conscientiousness	3.2	1.3	1	5
Neuroticism	2.8	1.4	1	5
Extraversion	3.1	1.3	1	5
Openness	3.7	1.2	1	5
Conscientiousness	3.5	1.1	1	5
Neuroticism	2.9	1.3	1	5
Extraversion	3.2	1.4	1	5
Openness	3.6	1.2	1	5
Conscientiousness	3.4	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.3	1.2	1	5
Openness	3.8	1.1	1	5
Conscientiousness	3.2	1.3	1	5
Neuroticism	2.8	1.4	1	5
Extraversion	3.1	1.3	1	5
Openness	3.7	1.2	1	5
Conscientiousness	3.5	1.1	1	5
Neuroticism	2.9	1.3	1	5
Extraversion	3.2	1.4	1	5
Openness	3.6	1.2	1	5
Conscientiousness	3.4	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.3	1.2	1	5
Openness	3.8	1.1	1	5
Conscientiousness	3.2	1.3	1	5
Neuroticism	2.8	1.4	1	5
Extraversion	3.1	1.3	1	5
Openness	3.7	1.2	1	5
Conscientiousness	3.5	1.1	1	5
Neuroticism	2.9	1.3	1	5
Extraversion	3.2	1.4	1	5
Openness	3.6	1.2	1	5
Conscientiousness	3.4	1.3	1	5
Neuroticism	2.7	1.4	1	5
Extraversion	3.3	1.2	1	5
Openness	3.8	1.1	1	5
Conscientiousness	3.2	1.3	1	5
Neuroticism	2.8	1.4	1	5
Extraversion	3.1	1.3	1	5
Openness	3.7	1.2	1	5
Conscientiousness	3.5			

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<subunit 1 of 1, 250 aa, 1 stop

<MW: 27433, pI: 9.85, NX(S/T): 2

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ATSKDDSDVTEVMWQPALRRGRGLQAQGYGVR IQDAGVYLLYSQVLFQDVTFTMGQVVSREG
QGRQETLFR CIRSMPSHPDRAYNSCYSAGVFHLLHQGDILSVIIIPRRAKLNLSPHGTFGLGFVKL

Signal sequence.

amino acids 1-40

N-glycosylation site.

amino acids 124-128

Tyrosine kinase phosphorylation site.

amino acids 156-164

N-myristoylation site.

amino acids 36-42, 40-46, 179-185, 242-248

Prokaryotic membrane lipoprotein lipid attachment site.

amino acids 34-45

FIGURE 29

CACTTTCTCCCTCTCTTCCTTTACTTTTCGAGAAACCGCGCTTCCGCTTCTGGTCGCAGAGAC
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TGCTCTAGGGGCGGCGGGAGGAGCGGCCGGCGGGACGGAGGGCCCGGCAGGAAGATGGGC
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CCTGAGTCGTGTGCCCCATGTCCAGGGGGAACAGCAGGAGTGGGAGGGGACTGAGGAGCTGC
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TTCTGTGCCGCTCCACACAAATCAGCCCCAGAAGGCCCGGGGCCTTGGCTTCTGTTTTT
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CCACGTGTGTTGTGTTGGTTGGCAGCAAGGCTGATCCAGACCCCTTCTGCCCCACTGCCCT
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ATAGCCCCTCTCCACCTCACCCCATGTTGATGCCAGGGTCACTCTTGCTACCCGCTGGGGC
CCCAAACCCCCGCTGCCTCTCTTCCTTCCCCCATCCCCACCTGGTTTTTACTAATCCTGC
TTCCCTCTCTGGGCCTGGCTGCCGGGATCTGGGGTCCCTAAGTCCCTCTCTTTAAAGAACTT
CTGCGGGTCAGACTCTGAAGCCGAGTTGCTGTGGGCGTGCCCGGAAGCAGAGCGCCACACTC
GCTGCTTAAGCTCCCCAGCTCTTCCAGAAAACATTAAACTCAGAATTGTGTTTTCAA

General Information		Demographics		Clinical History		Physical Examination		Laboratory Studies		Imaging Studies		Treatment		Outcome					
Field	Value	Field	Value	Field	Value	Field	Value	Field	Value	Field	Value	Field	Value	Field	Value				
Age	65	Sex	Male	Chief Complaint	Intermittent abdominal pain	Weight	75 kg	Height	175 cm	Temperature	38.5°C	Heart Rate	95 bpm	Blood Pressure	140/90 mmHg	Respiratory Rate	18 breaths/min		
Weight	75 kg	Height	175 cm	Medical History	Chronic pancreatitis	Temperature	38.5°C	Heart Rate	95 bpm	Blood Pressure	140/90 mmHg	Respiratory Rate	18 breaths/min	Oxygen Saturation	98%	Glucose	100 mg/dL	BUN	10 mg/dL
Temperature	38.5°C	Heart Rate	95 bpm	Blood Pressure	140/90 mmHg	Respiratory Rate	18 breaths/min	Oxygen Saturation	98%	Glucose	100 mg/dL	BUN	10 mg/dL	Creatinine	1.2 mg/dL	ALT	45 U/L		
Respiratory Rate	18 breaths/min	Oxygen Saturation	98%	Glucose	100 mg/dL	BUN	10 mg/dL	Creatinine	1.2 mg/dL	ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L		
Oxygen Saturation	98%	Glucose	100 mg/dL	BUN	10 mg/dL	Creatinine	1.2 mg/dL	ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L		
Glucose	100 mg/dL	BUN	10 mg/dL	Creatinine	1.2 mg/dL	ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L		
BUN	10 mg/dL	Creatinine	1.2 mg/dL	ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L		
Creatinine	1.2 mg/dL	ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
ALT	45 U/L	AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
AST	55 U/L	ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
ALP	120 U/L	Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
Gamma-GT	150 U/L	Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
Amylase	1200 U/L	Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
Lipase	800 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L		
Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L		
Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200 U/L	Stool Lipase	1500 U/L	Stool Amylase	1200		

><subunit 1 of 1, 281 aa, 1 stop

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TGPKGQKGSMPGERCKSHYAAFSVGRKKPMHSNHYYQTVIFDTEFVNLYDHFNMTGKFY
CYVPGLYFFSLNVHTWNQKETYLHIMKNEEEVVILFAQVGDRSIMQSQSLMLELREQDQVWV
RLYKGERENAIFSEELDTYITFSGYLVKHATEP

amino acids 1-25

amino acids 93-97

amino acids 7-13, 21-27, 67-73, 117-123, 129-135

amino acids 150-154

amino acids 104-107

Detailed Financial Data	
Item	Value
Operating Income	100.00
Depreciation	10.00
Amortization	5.00
Interest Expense	2.00
Income Tax Expense	1.00
Net Income	82.00
Dividends	10.00
Retained Earnings	72.00
Capital Gains	15.00
Losses	5.00
Net Change	15.00
Balance Sheet	
Assets	
Current Assets	100.00
Fixed Assets	50.00
Total Assets	150.00
Liabilities	
Current Liabilities	50.00
Long-Term Liabilities	20.00
Total Liabilities	70.00
Equity	
Common Stock	80.00
Retained Earnings	70.00
Total Equity	150.00
Income Statement	
Revenue	100.00
Cost of Goods Sold	20.00
Gross Profit	80.00
Operating Expenses	10.00
Operating Income	70.00
Interest Expense	2.00
Income Tax Expense	1.00
Net Income	67.00
Dividends	10.00
Retained Earnings	57.00
Capital Gains	15.00
Losses	5.00
Net Change	15.00
Balance Sheet	
Assets	
Current Assets	100.00
Fixed Assets	50.00
Total Assets	150.00
Liabilities	
Current Liabilities	50.00
Long-Term Liabilities	20.00
Total Liabilities	70.00
Equity	
Common Stock	80.00
Retained Earnings	70.00
Total Equity	150.00

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 TCGTCTCTCTGGGTAGAATCCTTTCGGAATCACTCCGCAGGAAACGTTACTCAAGACTGGAT
 TATTTGATCAATGGGATCTATGTGGACATCTTAAGGATGGAACCTCGGTGTCTCTTAATTCAAT
 TAGTAACCAGAAGCCCAAATGCAATGAGTTTCTGCTGACTTGCTAGTCTTAGCAGGAGGTTG
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 GTCTCAAACCTCCTGACCTAGTGATCCACCCTCCTCGGCCTCCCAAAGTGCTGGGATTACAGG
 CATGAGCCACCACAGCTGGCCCCCTTCTGTTTTATGTTTGGTTTTTTGAGAAGGAATGAAGTG
 GGAACCAAATTAGGTAATTTTGGGTAATCTGTCTCTAAAATATTAGCTAAAAACAAAGCTCT
 ATGTAAAGTAATAAAGTATAAATTGCCATATAAATTTCAAATTCAACTGGCTTTTATGCAAA
 GAAACAGGTTAGGACATCTAGGTTCCAATTCATTACATTCTTGGTTCAGATAAAATCAAC
 TGTTTTATATCAATTTCTAATGGATTTGCTTTTCTTTTTATATGGATTCCTTTAAAACTTAT
 CCAGATGTAGTTCTTCCAATTAATATTTGAATAAATCTTTTGTTACTCAA

FIGURE 33

GCGGCACCTGGAAGATGCGCCCATTTGGCTGGTGGCCTGCTCAAGGTGGTGTTCGTGGTCTTC
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GCCCATATTTGATGAGTATTTTGGGTTTGTGTAAACCAATGAACATTTGCTAGTTGTATCA
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FIGURE 34

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA46777

><subunit 1 of 1, 235 aa, 1 stop

><MW: 25982, pI: 9.09, NX(S/T): 2

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RCFDMYEGDNSGPMTKFIQSAAPKSLLFMVITYDDGSTRLNNDKNAIEALGSKEIRNMKFRS
SWVFIAAKGLELPSEIQREKINHSDAKNNRYSGWPAEIQIEGCI PKERS

Signal sequence.

amino acids 1-20

N-glycosylation sites.

amino acids 120-124, 208-212

Glycosaminoglycan attachment site.

amino acids 80-84

N-myristoylation sites.

amino acids 81-87, 108-114, 119-125

FOOES0"2E44660